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FIG.1

10

SCHEDULED DELIVERY DATE (SCHEDULED DELIVERY PERIOD)	SCHEDULED DELIVERY DATE (SCHEDULED DELIVERY PERIOD)	REQUIRED QUANTITY	REQUIRED QUANTITY

12

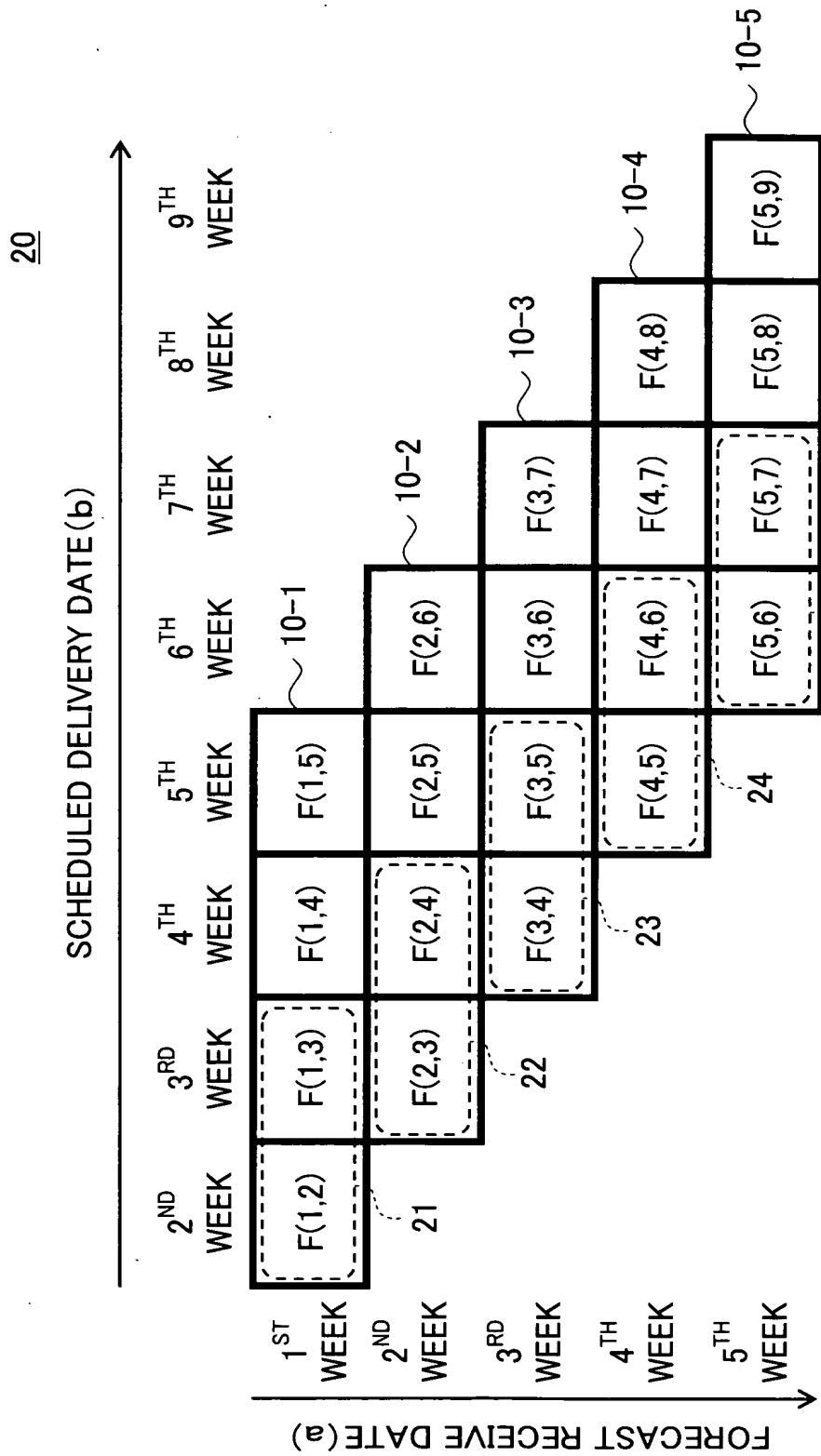
13

11

11

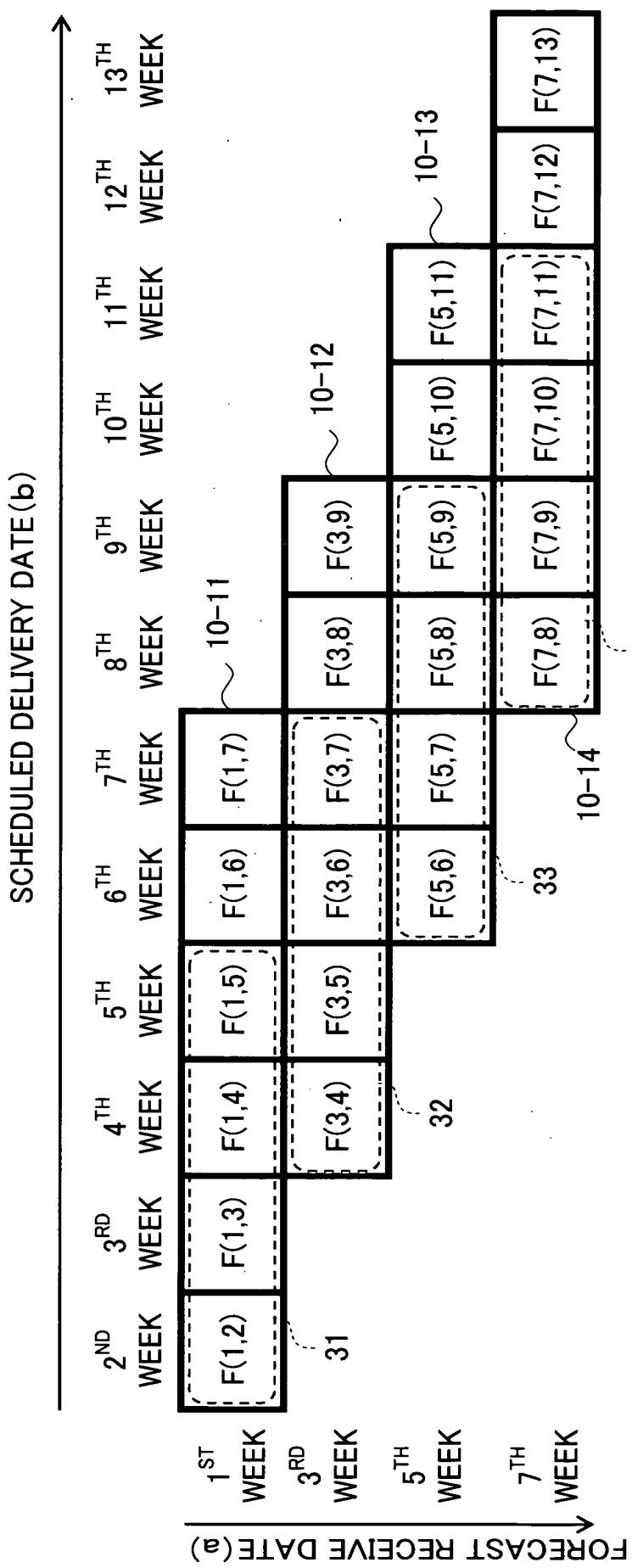
11

FIG.2



30

FIG.3



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FIG.4

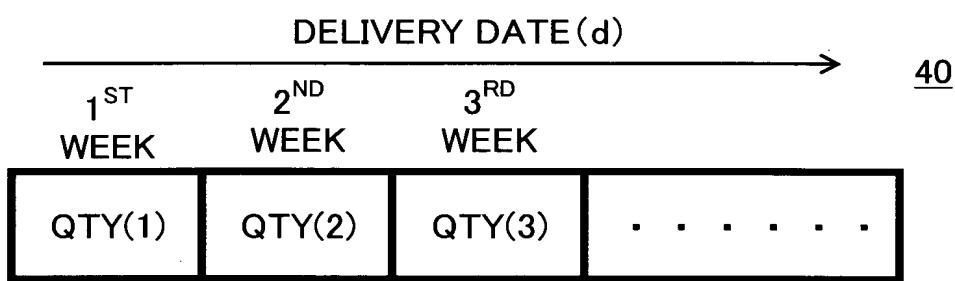


FIG.5

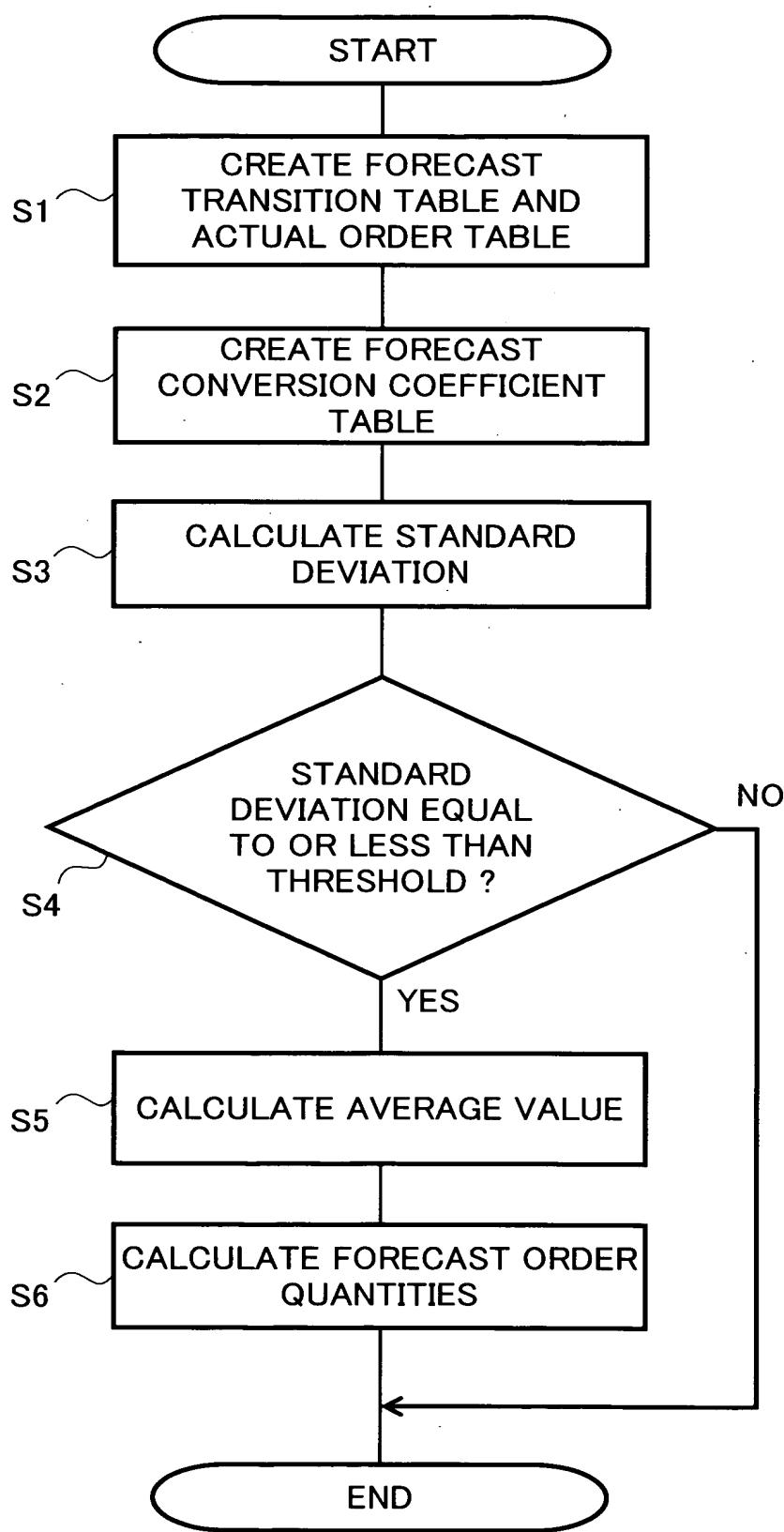


FIG.6

FORECAST LT(c)

	1 WEEK	2 WEEKS	3 WEEKS	4 WEEKS
51	<u>QTY(2)</u> F(1,2)	<u>QTY(3)</u> F(1,3)	<u>QTY(4)</u> F(1,4)	<u>QTY(5)</u> F(1,5)
1 <sup>ST</sup> WEEK				
2 <sup>ND</sup> WEEK	<u>QTY(3)</u> F(2,3)	<u>QTY(4)</u> F(2,4)	<u>QTY(5)</u> F(2,5)	<u>QTY(6)</u> F(2,6)
3 <sup>RD</sup> WEEK	<u>QTY(4)</u> F(3,4)	<u>QTY(5)</u> F(3,5)	<u>QTY(6)</u> F(3,6)	<u>QTY(7)</u> F(3,7)
4 <sup>TH</sup> WEEK	<u>QTY(5)</u> F(4,5)	<u>QTY(6)</u> F(4,6)	<u>QTY(7)</u> F(4,7)	<u>QTY(8)</u> F(4,8)
5 <sup>TH</sup> WEEK	<u>QTY(6)</u> F(5,6)	<u>QTY(7)</u> F(5,7)	<u>QTY(8)</u> F(5,8)	<u>QTY(9)</u> F(5,9)

50

52

FIG.7

		FORECAST LT(c)	<u>60</u>	
		1 WEEK ~ 2 WEEKS	2 WEEKS ~ 3 WEEKS	3 WEEKS ~ 4 WEEKS
FORECAST RECEIVE DATE (a)	61 <sup>ST</sup> WEEK	$\frac{QTY(2)+QTY(3)}{F(1,2)+F(1,3)}$	$\frac{QTY(3)+QTY(4)}{F(1,3)+F(1,4)}$	$\frac{QTY(4)+QTY(5)}{F(1,4)+F(1,5)}$
	62 <sup>ND</sup> WEEK	$\frac{QTY(3)+QTY(4)}{F(2,3)+F(2,4)}$	$\frac{QTY(4)+QTY(5)}{F(2,4)+F(2,5)}$	$\frac{QTY(5)+QTY(6)}{F(2,5)+F(2,6)}$
	63 <sup>RD</sup> WEEK	$\frac{QTY(4)+QTY(5)}{F(3,4)+F(3,5)}$	$\frac{QTY(5)+QTY(6)}{F(3,5)+F(3,6)}$	$\frac{QTY(6)+QTY(7)}{F(3,6)+F(3,7)}$
	64 <sup>TH</sup> WEEK	$\frac{QTY(5)+QTY(6)}{F(4,5)+F(4,6)}$	$\frac{QTY(6)+QTY(7)}{F(4,6)+F(4,7)}$	$\frac{QTY(7)+QTY(8)}{F(4,7)+F(4,8)}$
	65 <sup>TH</sup> WEEK	$\frac{QTY(6)+QTY(7)}{F(5,6)+F(5,7)}$	$\frac{QTY(7)+QTY(8)}{F(5,7)+F(5,8)}$	$\frac{QTY(8)+QTY(9)}{F(5,8)+F(5,9)}$

FIG.8

		FORECAST LT (c)		
		1 WEEK ~ 4 WEEKS	2 WEEKS ~ 5 WEEKS	3 WEEKS ~ 6 WEEKS
71	1 <sup>ST</sup> WEEK	$\frac{QTY(2) \sim QTY(5)}{F(1,2) \sim F(1,5)}$	$\frac{QTY(3) \sim QTY(6)}{F(1,3) \sim F(1,6)}$	$\frac{QTY(4) \sim QTY(7)}{F(1,4) \sim F(1,7)}$
72	2 <sup>ND</sup> WEEK	$\frac{QTY(4) \sim QTY(7)}{F(3,4) \sim F(3,7)}$	$\frac{QTY(5) \sim QTY(8)}{F(3,5) \sim F(3,8)}$	$\frac{QTY(6) \sim QTY(9)}{F(3,6) \sim F(3,9)}$
73	3 <sup>RD</sup> WEEK			
74	5 <sup>TH</sup> WEEK	$\frac{QTY(6) \sim QTY(9)}{F(5,6) \sim F(5,9)}$	$\frac{QTY(7) \sim QTY(10)}{F(5,7) \sim F(5,10)}$	$\frac{QTY(8) \sim QTY(11)}{F(5,8) \sim F(5,11)}$
	7 <sup>TH</sup> WEEK	$\frac{QTY(8) \sim QTY(11)}{F(7,8) \sim F(7,11)}$	$\frac{QTY(9) \sim QTY(12)}{F(7,9) \sim F(7,12)}$	$\frac{QTY(10) \sim QTY(13)}{F(7,10) \sim F(7,13)}$

FORECAST RECEIVE DATE (a)

70

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## FIG.9

FORECAST LT(c)

80

1 WEEK      2 WEEKS      3 WEEKS      4 WEEKS

STANDARD  
DEVIATION

s(1)

s(2)

s(3)

s(4)

## FIG.10

FORECAST LT(c)

90

1 WEEK      2 WEEKS      3 WEEKS  
~ 2 WEEKS    ~ 3 WEEKS    ~ 4 WEEKS

STANDARD  
DEVIATION

s(1-2)

s(2-3)

s(3-4)

## FIG.11

FORECAST LT(c)

100

1 WEEK      2 WEEKS      3 WEEKS  
~ 4 WEEKS    ~ 5 WEEKS    ~ 6 WEEKS

STANDARD  
DEVIATION

s(1-4)

s(2-5)

s(3-6)

FIG.12

	FORECAST LT(c)				<u>110</u>
	1 WEEK	2 WEEKS	3 WEEKS	4 WEEKS	
AVERAGE VALUE	Ave(1)	Ave(2)	Ave(3)	Ave(4)	

FIG.13

	FORECAST LT(c)			<u>120</u>
	1 WEEK	2 WEEKS	3 WEEKS	
AVERAGE VALUE	~ 2 WEEKS	~ 3 WEEKS	~ 4 WEEKS	
	Ave(1-2)	Ave(2-3)	Ave(3-4)	

FIG.14

	FORECAST LT(c)			<u>130</u>
	1 WEEK	2 WEEKS	3 WEEKS	
AVERAGE VALUE	~ 4 WEEKS	~ 5 WEEKS	~ 6 WEEKS	
	Ave(1-4)	Ave(2-5)	Ave(3-6)	

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FIG.15

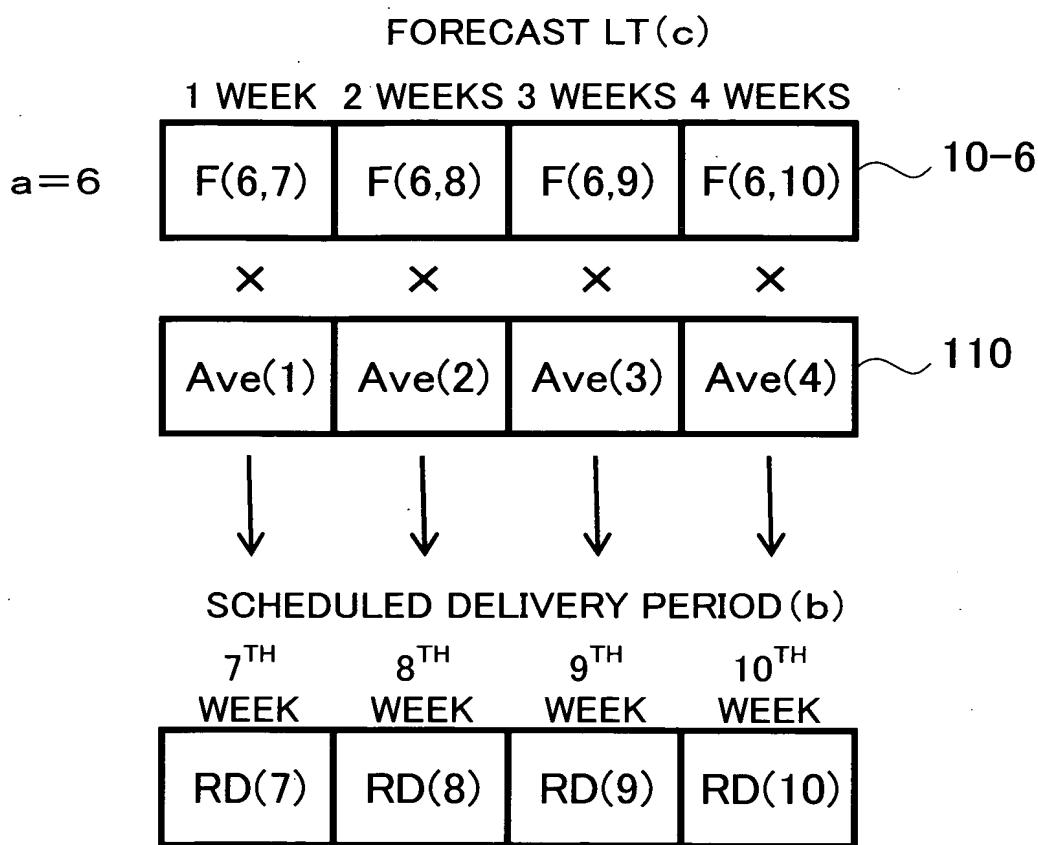


FIG.16

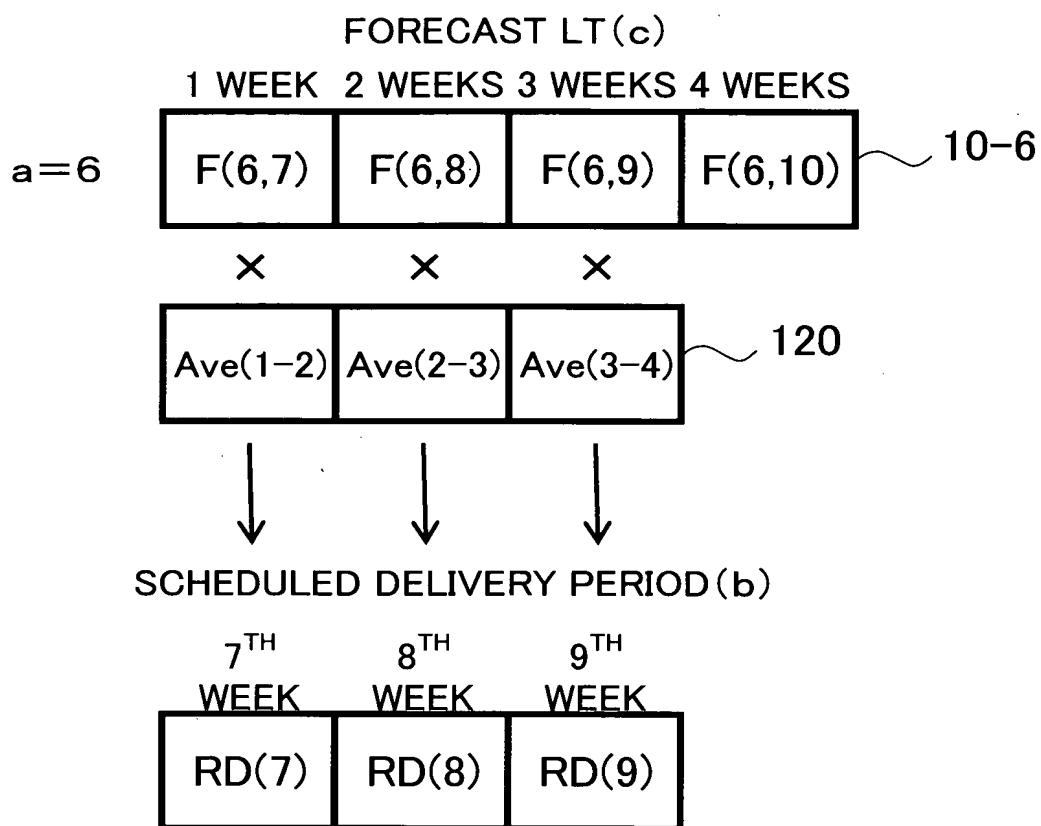


FIG.17

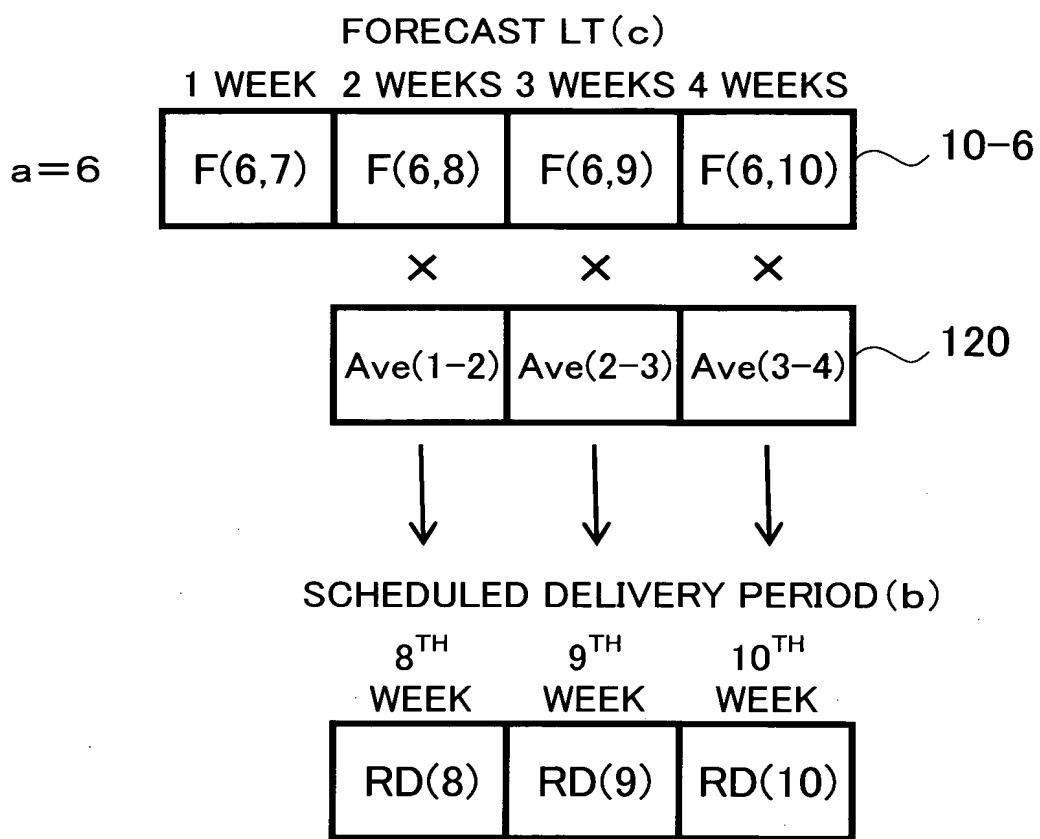
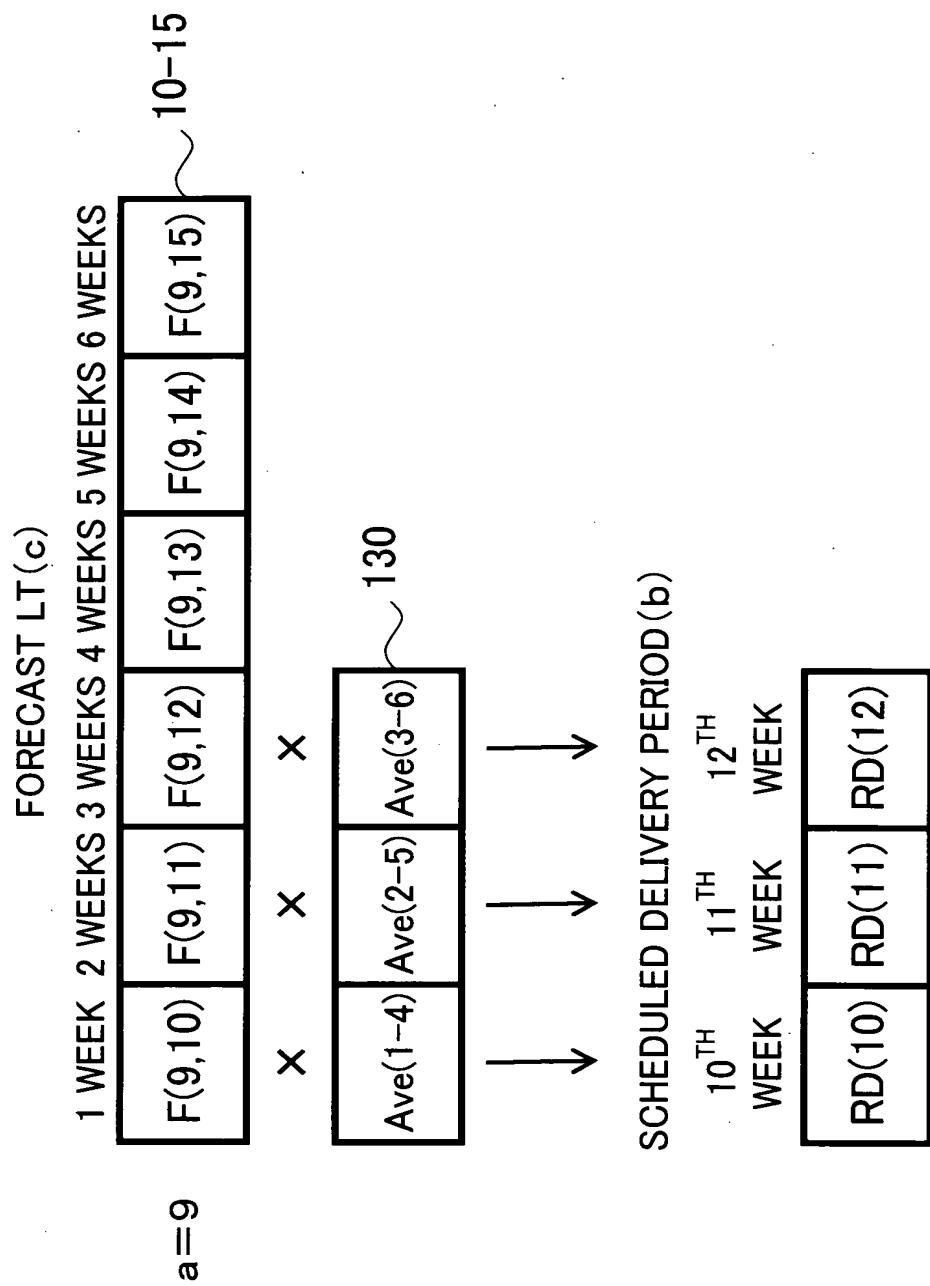
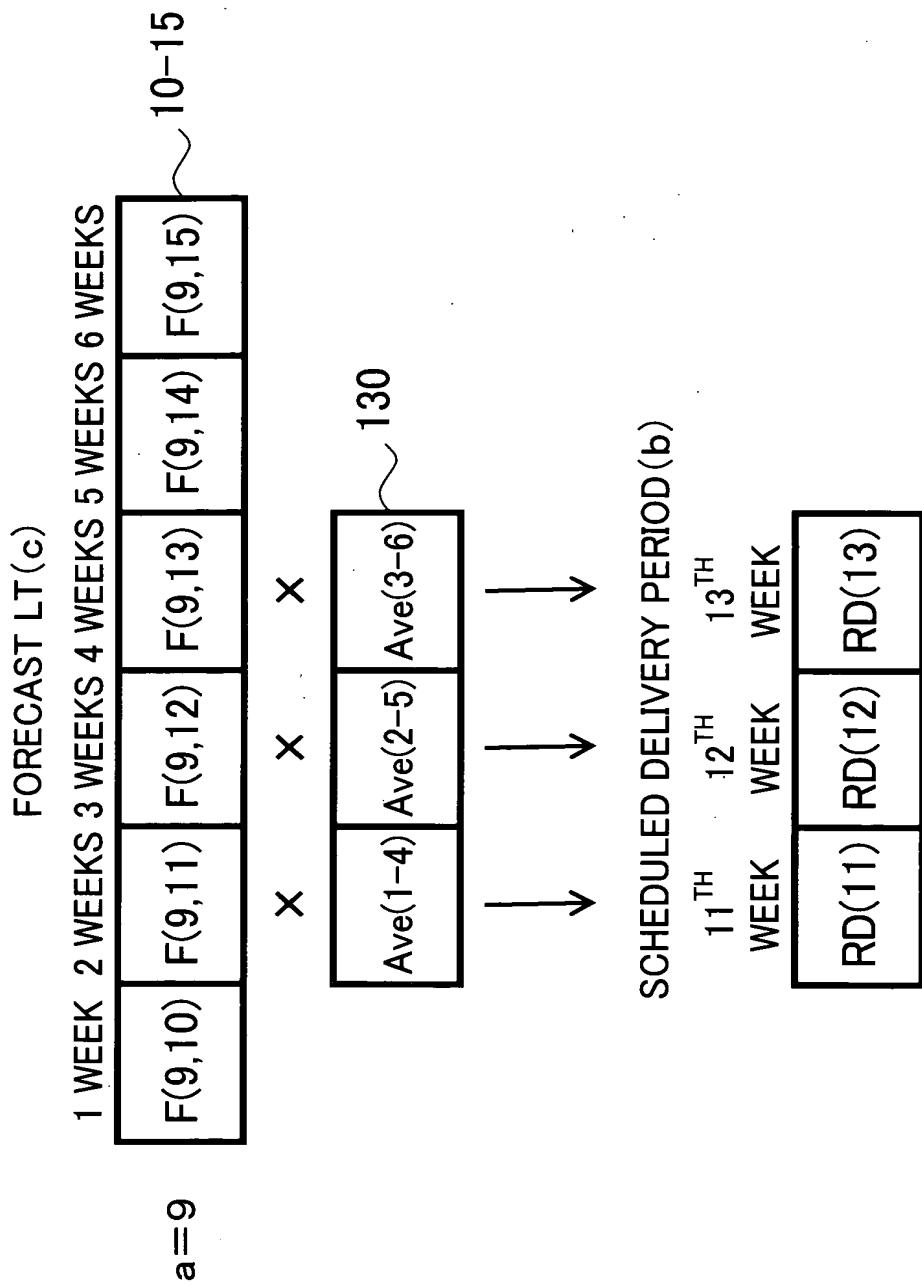


FIG. 18



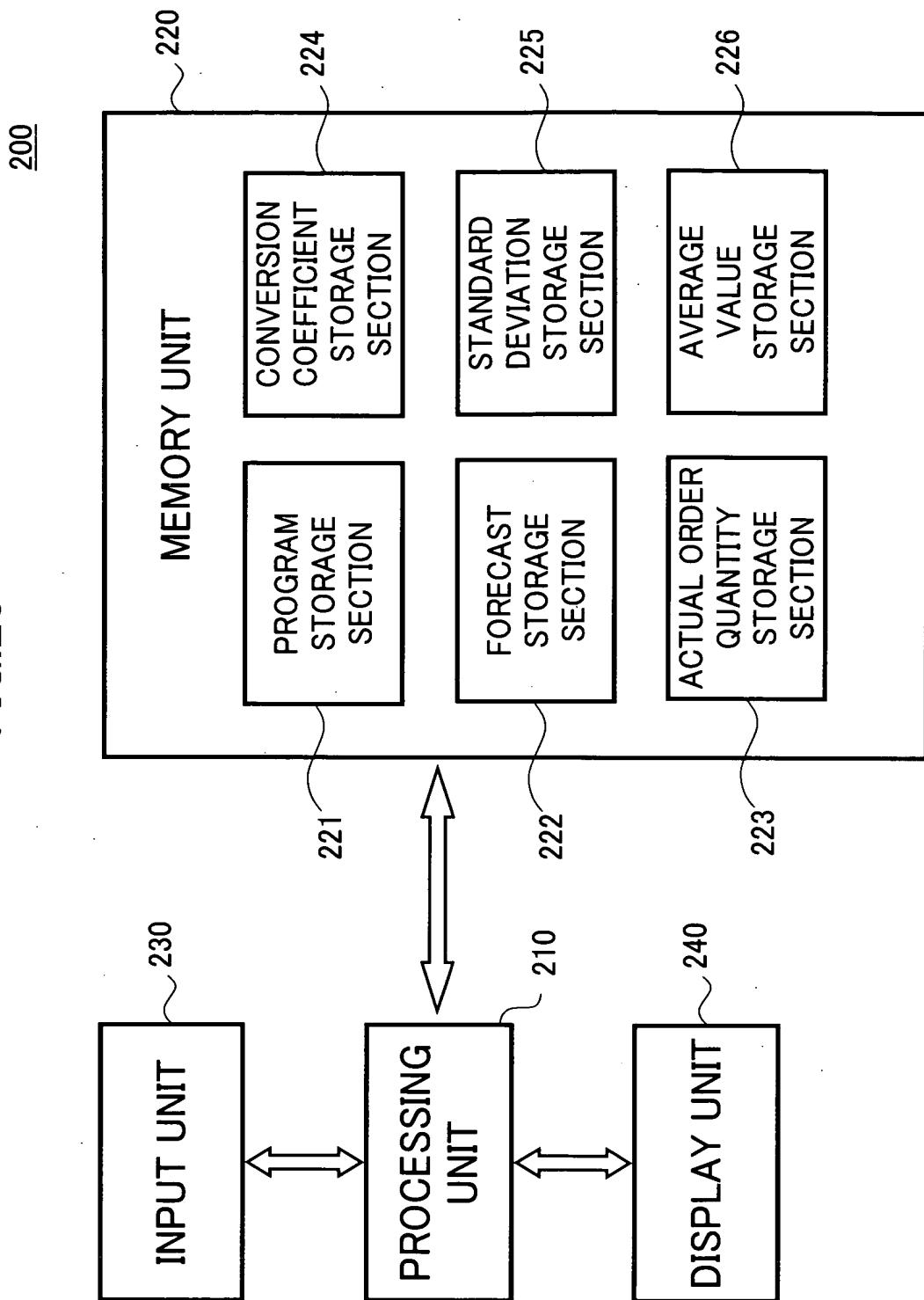
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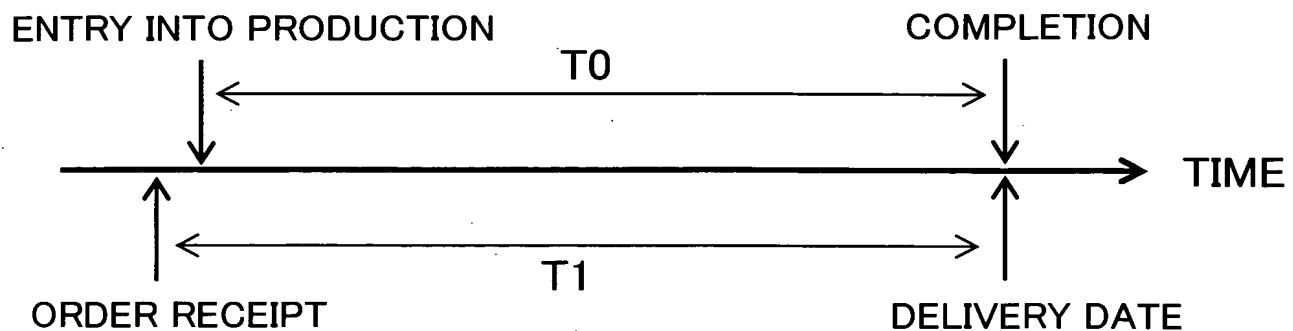
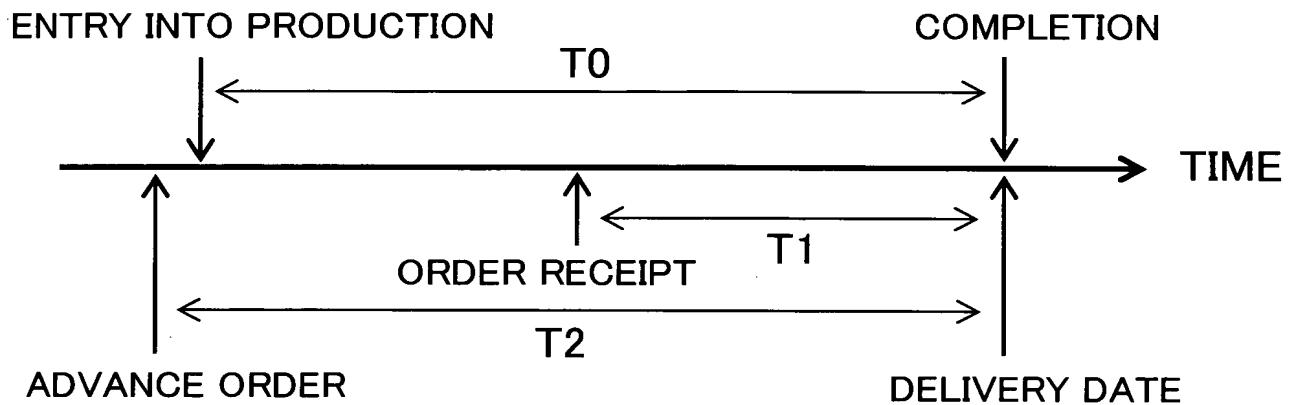
FIG. 19



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FIG.20



**FIG.21****FIG.22****FIG.23**